A MULTICASTING SYSTEM AND METHOD FOR
PROVIDING PERSONALIZED CONTENT

ABSTRACT OF THE INVENTION

5   The present invention is embodied in a multicasting system and method

of a network for providing personalized content to remote users of the network

having different bandwidths. The personalized content includes Internet and

World Wide Web (WWW) content. In general, the present invention allows the

user to communicate within a network utilizing a multicast design. The host

10   establishes group membership for the multicast group and then establishes an

individualized set of broadcast criteria. This is accomplished by another process

that registers streams of interest for the host. Should any member of the group

broadcast data, the group system disseminates the data into discrete segments.

The system then refers to the stream of interest register to determine which

15   segments of the broadcast will be sent to which hosts in the network.